

CREATIVE

PRODiKEYS™



Getting Started

User Manual

Creative Prodikeys

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PRODiKEYS™



Introduction



Introduction

Introduction

Thank you for purchasing Creative Prodikeys™, another quality product from Creative Technology Ltd, the worldwide leader in digital entertainment products. We are confident that you will enjoy using this product.

Creative Prodikeys is a revolutionary keyboard that consists of both a computer keyboard and a music keyboard with 37 touch-sensitive MIDI keys. It comes with the easy-to-use Creative Prodikeys software, which you will use to interact with and control your Creative Prodikeys.

Creative Prodikeys is for everyone, even if you have no music knowledge. With Creative Prodikeys, you can create music instantly, play music for fun, learn to play songs or conduct a performance. You can even record what you have played and use it for presentations and home video productions.

Playing and learning music will never be easier. Creative Prodikeys will bring you and your family hours of fun and enjoyment.



Package Contents

The following items are included in your package:

- ☐ Quick Start leaflet
- ☐ Creative Prodikeys keyboard
- ☐ Creative Prodikeys software installation CD

System

Requirements

Your Prodikeys requires at least:

- ☐ Intel® Pentium® 233 MHz (or similar class) processor
- ☐ Intel or 100% compatible motherboard chipset
- ☐ 64 MB RAM (128 MB recommended)
- ☐ 470 MB free hard disk space (700 MB for full installation)
- ☐ Microsoft® Windows® 98 SE, Windows Me, Windows 2000 or Windows XP
- ☐ an audio device (Sound Blaster® Live!™ or Sound Blaster Audigy™ needed for EAX™)
- ☐ CD-ROM drive for software installation
- ☐ Speakers or headphones

Getting More Information

Visit www.creative.com or www.prodikeys.com for the latest news and updates on your Creative Prodikeys. Additional Fun Mixes, Penta Tunes, Music Styles and Learnable Songs can also be downloaded from these websites in the future.

More Help

In the Creative Prodikeys software, click the **How to Play** button, located near the top-center of the program, for a step-by-step guide on using Creative Prodikeys. Additionally, click the **Help** button to view the Help file for more detailed information.

Registration

Enjoy a host of benefits by registering your products during installation, or at www.creative.com/register.

Benefits include:

- Service and product support from Creative
- Exclusive updates on promotions and events



Document Conventions



Tip. This tells you about short cuts or hints relating to a feature.



Note. This highlights additional or important information about a feature.



Caution! This highlights proper usage of your product. Use this information to avoid risky situations.



Warning! This warns you of possible hazards to yourself or your product, that may result in injury or damage.

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1

About Your Creative Prodikeys



About Your Creative Prodikeys

In this chapter, we will familiarize you with the different parts of your Creative Prodikeys, so that you can follow the instructions in the other chapters easily.

Parts of Creative Prodikeys



The 37 keys on the music keyboard are touch-sensitive; the harder you strike the keys, the louder the sound will be.

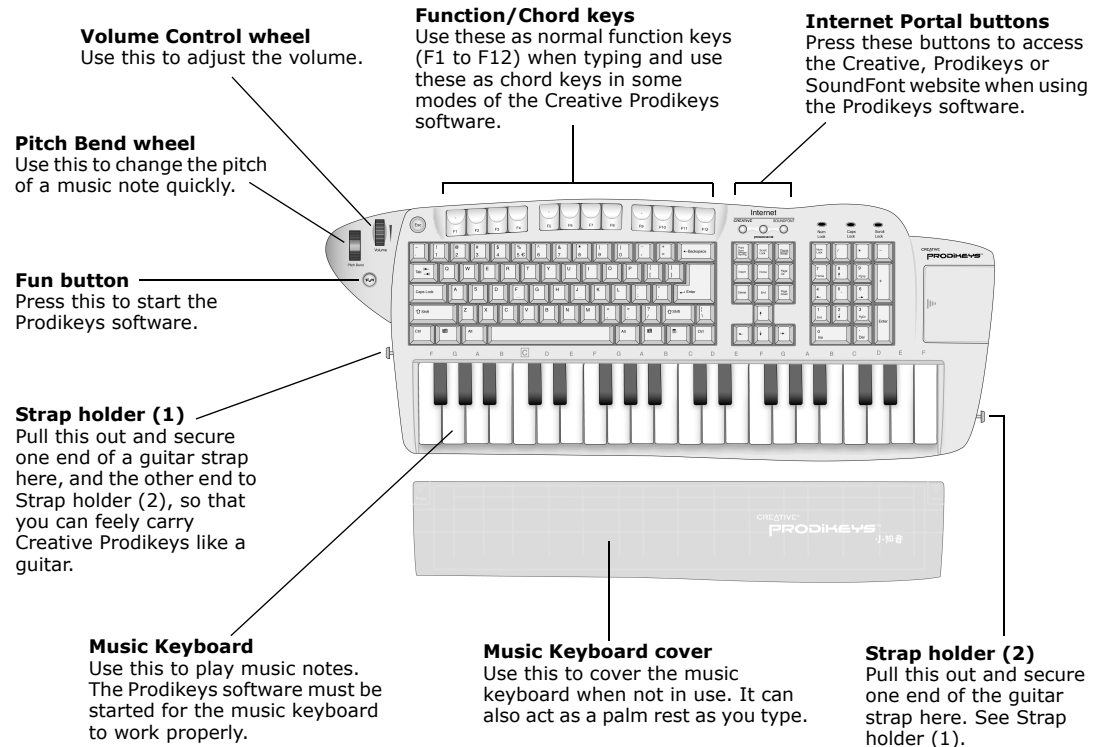


Figure 1-1: Parts of your Creative Prodikeys



Removing the Music Keyboard Cover

The music keyboard on your Creative Prodikeys is protected by a cover, which also acts as a palm rest as you type. To use the music keyboard, you will need to remove the cover.

To remove the music keyboard cover: Press down the upper corners of the cover and slide it out, as shown below.

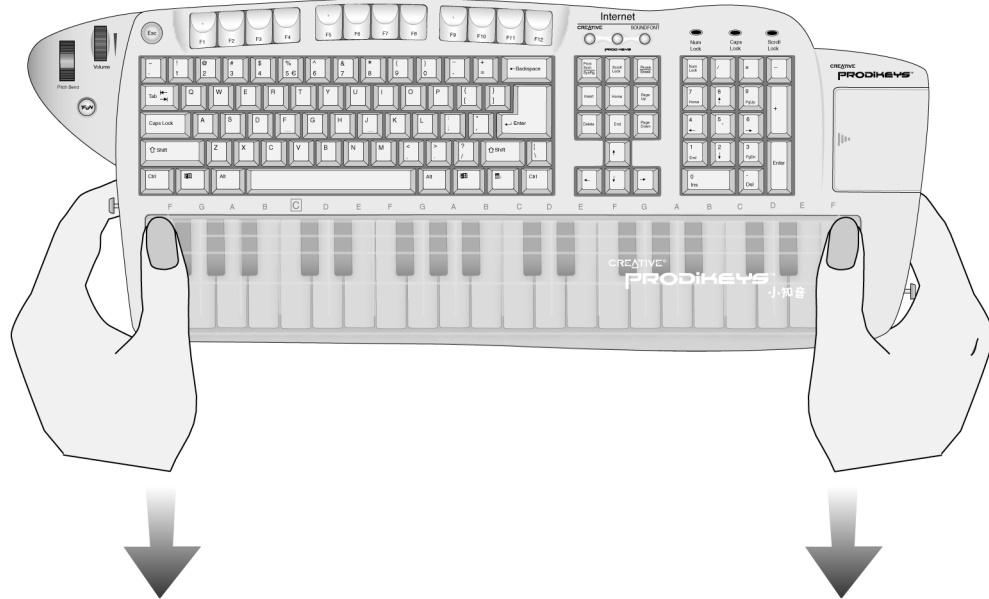


Figure 1-2: Removing the music keyboard cover.



Maintaining Creative Prodikeys

To maintain your Creative Prodikeys, use a damp cloth to clean only the exterior of Creative Prodikeys. Do not use any liquid or aerosol cleaners.

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2

Setting Up Your Creative
Prodikeys



Setting Up Your Creative Prodikeys

This chapter tells you how to install and use your Creative Prodikeys hardware and software.

Installing Hardware



Creative Prodikeys is not hot-pluggable. You must turn off your computer before connecting or disconnecting Creative Prodikeys.

Connect your Creative Prodikeys to your computer's PS/2 keyboard port as shown below.

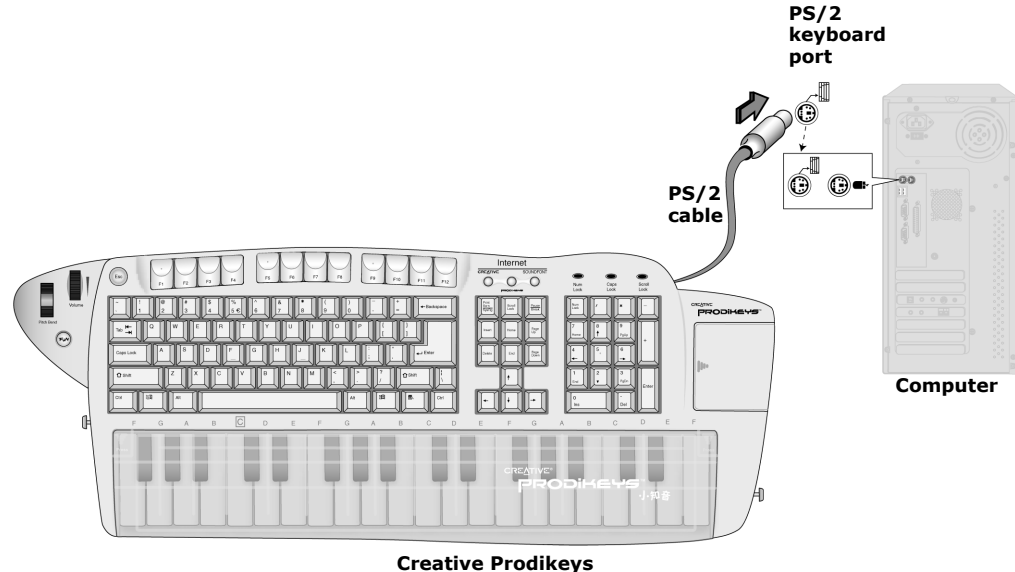


Figure 2-1: Connecting Creative Prodikeys to your computer.



Installing Software

You will need to install software for the Creative Prodikeys music keyboard to work properly.

To install the software:

1. Insert the Creative Prodikeys software installation CD into your CD-ROM drive. An installation screen appears. If not, start Windows Explorer, right-click the CD-ROM drive icon, and then select **AutoPlay**.
2. Follow the instructions on the screen to complete the installation.

Starting the Software



You can minimize the Creative Prodikeys software by pressing the **Fun** button on the Creative Prodikeys keyboard.

You will need to start the Creative Prodikeys software first, to be able to play the Creative Prodikeys music keyboard. To start the software:

- Press the **Fun** button (see Figure 1-1) on the Creative Prodikeys keyboard. You should see the Creative Prodikeys software, similar to the one below, on your screen.

How to Play button

Click this for a step-by-step tutorial on using the Creative Prodikeys software for the mode you are in.

Help button

Click this for more detailed information on using the Creative Prodikeys software.

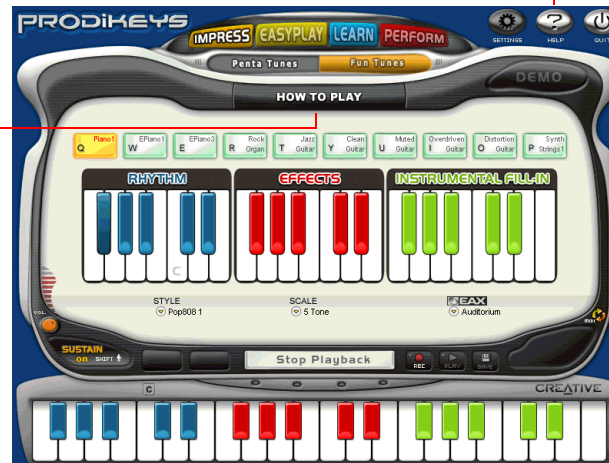


Figure 2-2: Creative Prodikeys



Configuring Power Management settings

If you have enabled power saving or power management on your computer, you should set your monitor's power management properties to **Never**. You should also configure your screen saver to deactivate by moving your mouse.

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3

Using Your Creative Prodikeys



Using Your Creative Prodikeys

This chapter provides information on using your Creative Prodikeys. You will learn how to configure and interact with your Creative Prodikeys through the Creative Prodikeys software.

Creative Prodikeys Modes

Creative Prodikeys has 4 different modes as shown below.

Impress mode

Lets you create music instantly to impress your family and friends even if you do not have any music knowledge. This mode has 2 sub-modes:

- 1. Penta Tunes**
- 2. Fun Tunes**

Easy Play mode

Lets you play music easily and quickly with intelligent chords, function key chords or fixed progression chords. This mode has 3 sub-modes:

- 1. Intelligent Chord**
- 2. Function Key Chord**
- 3. Fixed Progression**

Learn mode

Provides step-by-step lessons to help you learn to play songs. This mode has no sub-mode.

Perform mode

Gives you more control options when you perform with Creative Prodikeys.

This mode has 2 sub-modes:

- 1. Intelligent Chord**
- 2. Function Key Chord**

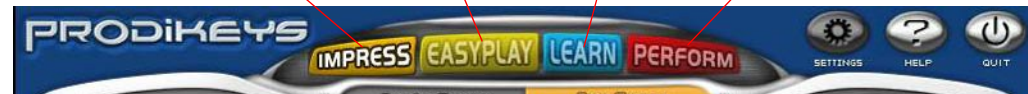


Figure 3-1: Creative Prodikeys Modes.

The topics in the following pages will provide more information on each sub-mode.



Creating Music Instantly with Penta Tunes

In the Penta Tunes sub-mode, the white keys on the music keyboard can be switched from the usual seven-tone scale to a five-tone scale (pentatonic scale). With this five-tone scale, whatever music notes you play will produce a melody. The black keys on the music keyboard will be assigned to rhythms, effects and instrumental fill-ins, which you can use to enhance your melody. Follow the steps below to learn how to create music instantly in the Penta Tunes sub-mode.

Step 1: Selecting the Penta Tunes Sub-mode

To select the Penta Tunes sub-mode: In the Creative Prodikeys software, click the **Impress** button, and then click the **Penta Tunes** button.

The Creative Prodikeys software should look similar to the figure below.

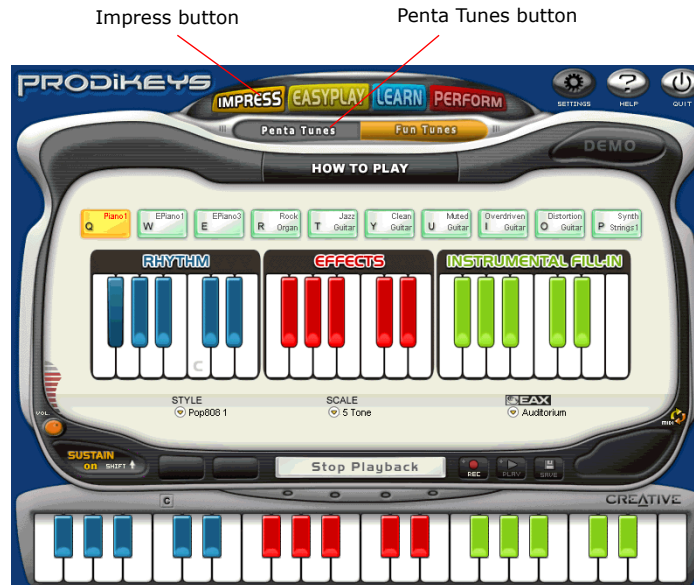


Figure 3-2: Creative Prodikeys software in Penta Tunes sub-mode.



Step 2: Selecting Music Styles

Different music styles provide different sets of matching instruments, rhythms, effects and instrumental fill-ins for you to play with.

To select a music style:

1. In the Creative Prodikeys software, click the **Style** button.

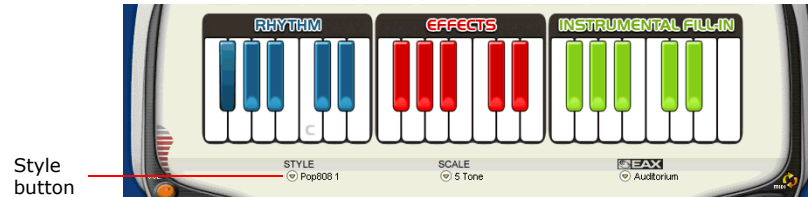


Figure 3-3

2. In the dialog box that appears, click the music category you want.
3. Click the music style you want, and then click the **Close** button.

Step 3: Selecting Music Scales

The music scale affects the music tone of the white keys on the music keyboard. You can switch between a five-tone scale or seven-tone scale. With a five-tone scale, whatever notes you play will produce a melody. A seven-tone scale is the usual (C Major) music scale.

To select and switch between music scales: In the Creative Prodikeys software, click the **Scale** button.

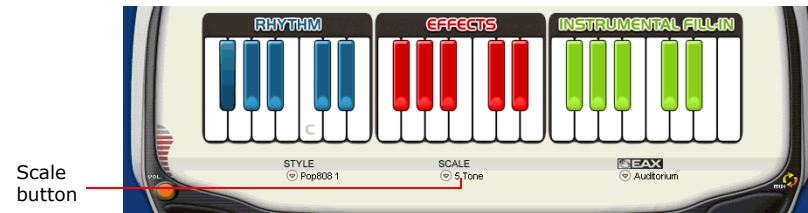


Figure 3-4



Step 4: Selecting Instruments

Besides selecting a main instrument for your music keyboard, you can also select a second instrument that will be played together with your main instrument.

To select a main instrument: Click the Instrument keys in the Creative Prodikeys software, or press the corresponding keys on your computer keyboard.

To select a second instrument (or cancel the selection): Double-click the Instrument keys in the Creative Prodikeys software, or press the corresponding keys quickly twice on your computer keyboard.

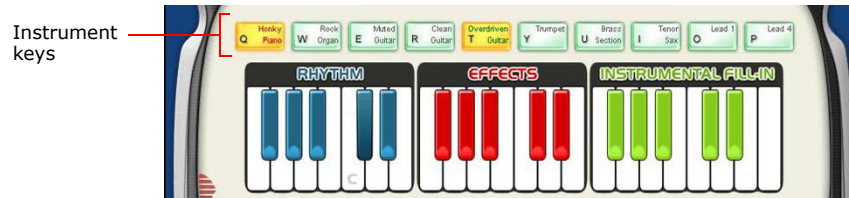


Figure 3-5

Step 5: Starting and Stopping Rhythms

You are now ready to play! To begin, just start a rhythm.

To start or stop a rhythm: Press the black keys on your music keyboard that correspond to the blue keys in your Creative Prodikeys software.



You can also press SPACEBAR on your computer keyboard to start the rhythm assigned to the first blue key, or to stop all current playback.

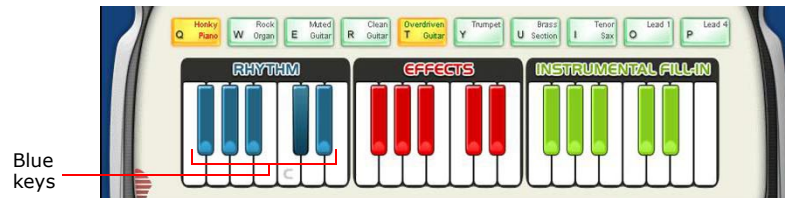


Figure 3-6



Step 6: Playing the Melody

Now that the rhythm has started, press the white keys on the music keyboard to play the melody.

Step 7: Adding Trill Effects to Melody Notes

A trill happens when two music notes are played alternately at high speed, producing a vibrating effect on the sound. There are a few trill effects that you can use.

To add an upper or lower trill effect: Press and release F1 or F2 on your computer keyboard while holding down white keys on the music keyboard.

To add an automatic upper or lower trill effect: Press and hold F3 or F4 on your computer keyboard while holding down the white keys on the music keyboard.

To add a tremolo (trembling) effect: Press and hold F5 on your computer keyboard while holding down white keys on the music keyboard.

Step 8: Adding Effects and Instrumental Fill-Ins

To accompany your melody, try adding effects and instrumental fill-ins to your song.

To add effects and instrumental fill-ins: Press the black keys on your music keyboard that correspond to the red keys and green keys in your Creative Prodikeys software.

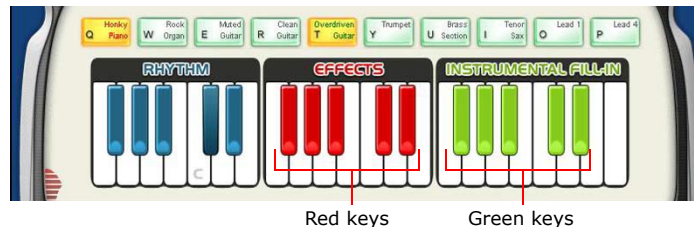


Figure 3-7



Creating Music Mixes with Fun Tunes

Step 1: Selecting the Fun Tunes Sub-mode

In the Fun Tunes sub-mode, you can create music mixes like a music DJ. Just select a music style for your mix and press the keys assigned to drums, bass, accompaniment, phrases, and sound effects on your music keyboard to create your music mix. Follow the steps below to learn how to use Fun Tunes.

To select the Fun Tunes sub-mode: In the Creative Prodikeys software, click the **Impress** button, and then click the **Fun Tunes** button.

The Creative Prodikeys software should look similar to the figure below.

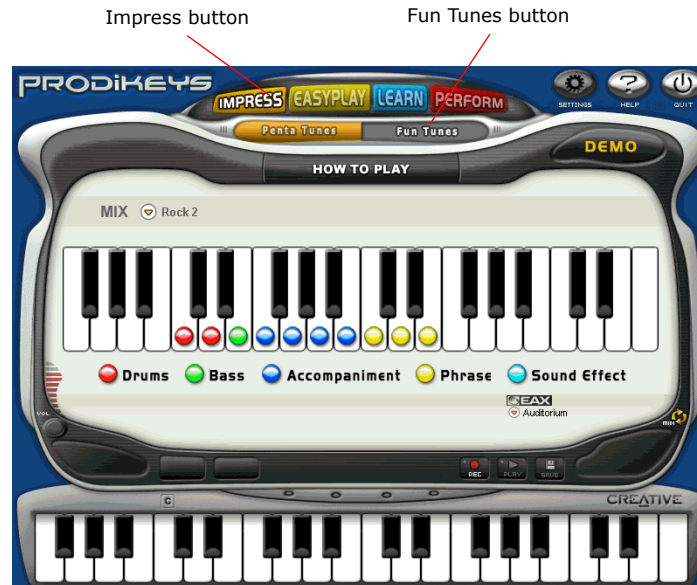


Figure 3-8: Creative Prodikeys software in Fun Tunes sub-mode.



Step 2: Selecting Music Styles for Your Mixes

Different music styles provide different sets of drums, bass, accompaniments, phrases and sound effects for you to mix with. There are many styles for you to choose from.

To select a music style:

1. In the Creative Prodikeys software, click the **Mix** button.



Figure 3-9

2. In the dialog box that appears, click the music category you want.
3. Click the music style you want, and then click the **Close** button.

Step 3: Creating Music Mixes

You are now ready to mix!

To create a music mix: Press the keys on your music keyboard that correspond to the keys in the Creative Prodikeys software (with colored dots).

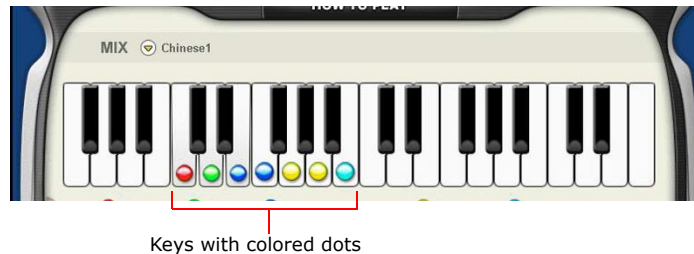


Figure 3-10



Playing Music with Intelligent Chords

Step 1: Selecting the (Easy Play) Intelligent Chord Sub-mode

In the (Easy Play) Intelligent Chord sub-mode, Creative Prodikeys automatically generates chords for you while you play. Follow the steps below to learn how to use this sub-mode.

To select the (Easy Play) Intelligent Chord sub-mode: In the Creative Prodikeys software, click the **Easy Play** button, and then click the **Intelligent Chord** button.

The Creative Prodikeys software should look similar to the figure below.



Figure 3-11: Creative Prodikeys software in (Easy Play) Intelligent Chord sub-mode.



Step 2: Selecting the Type of Intelligent Chord



Selecting "Happy" will play the major scale chords, "Sad" will play the minor scale chords and "Neutral" will play a combination of both chords.

You can choose from 3 Intelligent Chords — "Happy", "Sad" or "Neutral".

To select the type of Intelligent Chord: Click the **Happy, Sad** or **Neutral** keys in the Creative Prodikeys software, or press the corresponding keys on your computer keyboard.



Happy, Sad and Neutral keys

Figure 3-12

Step 3: Selecting Music Styles

Different music styles provide different sets of matching instruments and rhythms for you to play with.

To select a music style: Click the **Style** keys in the Creative Prodikeys software, or press the corresponding keys on your computer keyboard.



Style keys

Figure 3-13

Step 4: Selecting Instruments

Besides selecting a main instrument for your music keyboard, you can also select a second instrument that will be played together with your main instrument.



To select a main instrument: Click the Instrument keys in the Creative Prodikeys software, or press the corresponding keys on your computer keyboard.

To select a second instrument (or cancel the selection): Double-click the Instrument keys in the Creative Prodikeys software, or press the corresponding keys quickly twice on your computer keyboard.



Figure 3-14

Step 5: Selecting Rhythms

For the music style that you have selected, a matching set of rhythms will be made available.

To select a rhythm: Click the Rhythm keys in the Creative Prodikeys software, or press the corresponding keys on your computer keyboard.



Figure 3-15



Step 6: Selecting Tempos



You can also click the Up or Down buttons beside the Tempo box in the Creative Prodikeys software, or press MINUS SIGN (-) or PLUS SIGN (+) on the computer keyboard to adjust the tempo.

Depending on the type of song you are going to play, select the speed for the rhythm.

To select a tempo: Click the Tempo keys in the Creative Prodikeys software, or press the corresponding keys on your computer keyboard.

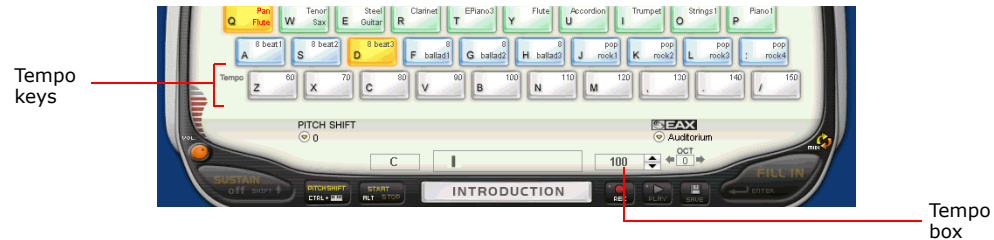


Figure 3-16

Step 7: Starting the Rhythm

You are now ready to play! To begin, just start the rhythm. You can start the rhythm with or without an introductory rhythm pattern.

To start the rhythm with an introductory rhythm pattern: Click the **Introduction/Ending** button in the Creative Prodikeys software, or press SPACEBAR on your computer keyboard.

To start the rhythm without an introductory rhythm pattern: Click the **Start/Stop** button in the Creative Prodikeys software, or press ALT on your computer keyboard.

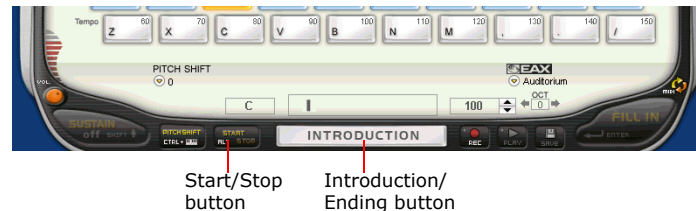


Figure 3-17



Step 8: Playing the Melody

Now that the rhythm has started, play your melody on the music keyboard. You will notice that chords will be generated automatically to blend with your melody.

Step 9: Adding Rhythm Fill-Ins

To make it more interesting, try adding rhythm fill-ins to create variations in your song.

To add rhythm fill-ins: Click the **Fill In** button in the Creative Prodikeys software, or press ENTER on your computer keyboard.



Figure 3-18

Step 10: Stopping the Rhythm

When you have finished playing, you can stop the rhythm with or without an ending rhythm pattern.

To stop the rhythm with an ending rhythm pattern: Click the **Introduction/Ending** button in the Creative Prodikeys software, or press SPACEBAR on your computer keyboard.

To stop the rhythm without an ending rhythm pattern: Click the **Start/Stop** button in the Creative Prodikeys software, or press ALT on your computer keyboard.



Figure 3-19



Playing Music with Function Key Chords

Step 1: Selecting the (Easy Play) Function Key Chord Sub-mode

In the (Easy Play) Function Key Chord sub-mode, you play the chords by pressing the function keys (F1 to F12) on your computer keyboard. Follow the steps below to learn how to use this sub-mode.

To select the (Easy Play) Function Key Chord sub-mode: In the Creative Prodikeys software, click the **Easy Play** button, and then click the **Function Key Chord** button.

The Creative Prodikeys software should look similar to the figure below.



Figure 3-20: Creative Prodikeys software in (Easy Play) Function Key Chord sub-mode.



Step 2: Selecting the Key for Your Chords

You can select the key for your chords. Selecting different keys will give you different sets of chords to play with.

To select the key for the chords: Click the **Key** button in the Creative Prodikeys software.



Figure 3-21

Step 3: Configuring Other Settings

The steps to select music styles, instruments, rhythms and tempos, to start and stop rhythms, and to add rhythm fill-ins, are similar to the steps in the previous section "Playing Music with Intelligent Chords", ["Step 3: Selecting Music Styles" on page 3-9](#).

Step 4: Playing the Chords

To play a chord while you are playing your melody: Click the Chord keys in the Creative Prodikeys software, or press the function keys (F1 to F12) on your computer keyboard.



Figure 3-22



Playing Music with Fixed Progression Chords

Step 1: Selecting the (Easy Play) Fixed Progression Sub-mode

In the (Easy Play) Fixed Progression sub-mode, you select and play along to a set of chords that will play repeatedly from chord to chord. This allows you to play your melody and have Prodikeys accompany you with a virtual band! Follow the steps below to learn how to use Fixed Progression Chords.

To select the (Easy Play) Fixed Progression sub-mode: In the Creative Prodikeys software, click the **Easy Play** button, and then click the **Fixed Progression** button.

The Creative Prodikeys software should look similar to the figure below.



Figure 3-23: Creative Prodikeys software in (Easy Play) Fixed Progression sub-mode.



Step 2: Selecting Music Styles

Different music styles provide different sets of fixed progression chords for you to play along with.

To select a music style: Click the Style keys in the Creative Prodikeys software, or press the corresponding keys on your computer keyboard. The set of fixed progression chords will be displayed.



Figure 3-24

Step 3: Starting the Rhythm



You can also click the Up or Down buttons beside the Tempo box in the Creative Prodikeys software, or press MINUS SIGN (-) or PLUS SIGN (+) on the computer keyboard to adjust the tempo.

You are now ready to play! To begin, just start the rhythm.

To start the rhythm: Click the **Introduction/Ending** button in the Creative Prodikeys software, or press SPACEBAR on your computer keyboard.

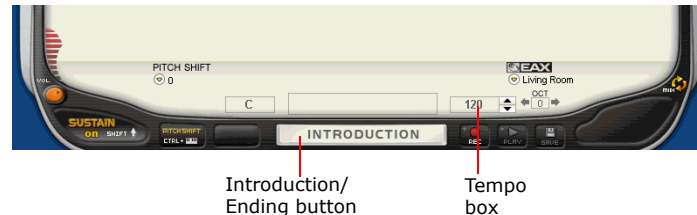


Figure 3-25

Step 4: Playing the Melody

Now that the rhythm has started, play your melody on the music keyboard.



Step 5: Stopping the Rhythm

When you have finished playing, you can stop the rhythm.

To stop the rhythm: Click the **Introduction/Ending** button in the Creative Prodikeys software, or press SPACEBAR on your computer keyboard.



Introduction/
Ending button

Figure 3-26



Learning To Play a Song

Step 1: Selecting the Learn Mode

In the Learn mode, you can learn to play a song at your own pace. You will be guided, by the Creative Prodikeys software, on the keys to press on your music keyboard. Follow the steps below to learn how to use this mode.

To select the Learn mode: In the Creative Prodikeys software, click the **Learn** button.

The Creative Prodikeys software should look similar to the figure below.



Figure 3-27: Creative Prodikeys software in Learn mode.



Step 2: Selecting Songs

For your lessons, you can learn the songs provided or learn your favorite songs by importing your own MIDI files.

To select a song:

1. Click the **Song** button in the Creative Prodikeys software.



Figure 3-28

2. In the dialog box that appears, click the level of difficulty you want.
3. Click the song you want and then click the **Close** button.

To import your own song:

1. In the Creative Prodikeys software, click the **Song** button.
2. In the dialog box that appears, click the **Import MIDI Files** button.
3. Locate and select your MIDI file, and then click the **Open** button.
4. When the MIDI has been opened, click the track that you want, and then click the **Yes** button.



To select another track for use later on, click the Song button, and then double-click the song you want.

Step 3: Selecting Lessons

You can learn to play the song at your own pace by selecting the lesson you want.

To select a lesson:

1. In the Creative Prodikeys software, click the **Lesson** button.

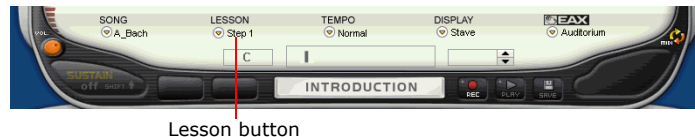


Figure 3-29

2. In the dialog box that appears, click the lesson you want and then click the **Close** button.



Step 4: Starting the Lesson

You are now ready to start your lesson!

To start the Lesson: Click the **Introduction/Ending** button in the Creative Prodikeys software, or press **SPACEBAR** on your computer keyboard.

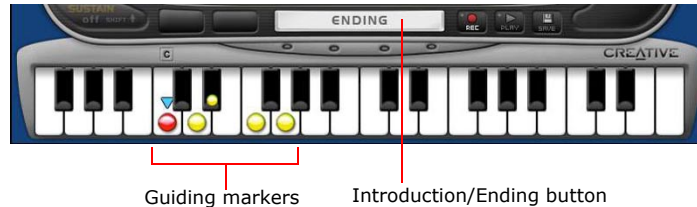


Figure 3-30

Follow the guiding markers (if available) in the Creative Prodikeys software to play the keys on your music keyboard.

Step 5: Selecting Tempos

If you feel that the speed of the song in the lesson is too fast or slow, you can adjust the tempo.

To select a tempo:

1. In the Creative Prodikeys software, click the Tempo button.
2. In the dialog box that appears, click the tempo you want and then click the **Close** button.

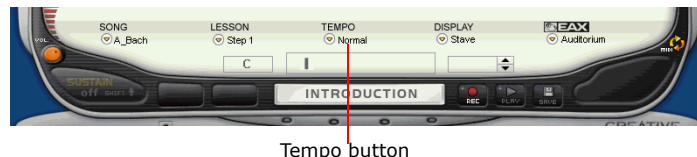


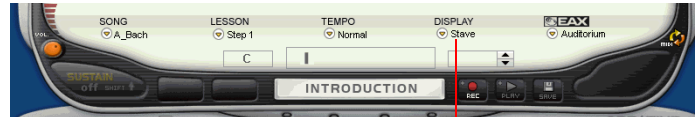
Figure 3-31



Step 5: Selecting the Music Score Display Type

The music score in the Creative Prodikeys software can display music notes in the western Stave notation or the Chinese Jianpu numeric notation.

To select the music score display type: In the Creative Prodikeys software, click the **Display** button.



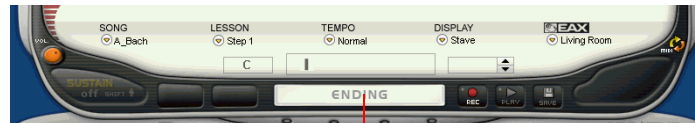
Display button

Figure 3-32

Step 6: Stopping Lessons

You can stop a lesson before it ends.

To stop a lesson: Click the **Introduction/Ending** button in the Creative Prodikeys software, or press SPACEBAR on your computer keyboard.



Introduction/
Ending button

Figure 3-33



Performing with Intelligent Chords

Step 1: Selecting the (Perform) Intelligent Chord Sub-mode

In the (Perform) Intelligent Chord sub-mode, Creative Prodikeys automatically generates the chords for you while you play. This sub-mode has more control options to make it easier for you to perform with your Creative Prodikeys. Follow the steps below to learn how to use this sub-mode.

To select the (Perform) Intelligent Chord sub-mode: In the Creative Prodikeys software, click the **Perform** button, and then click the **Intelligent Chord** button.

The Creative Prodikeys software should look similar to the figure below.

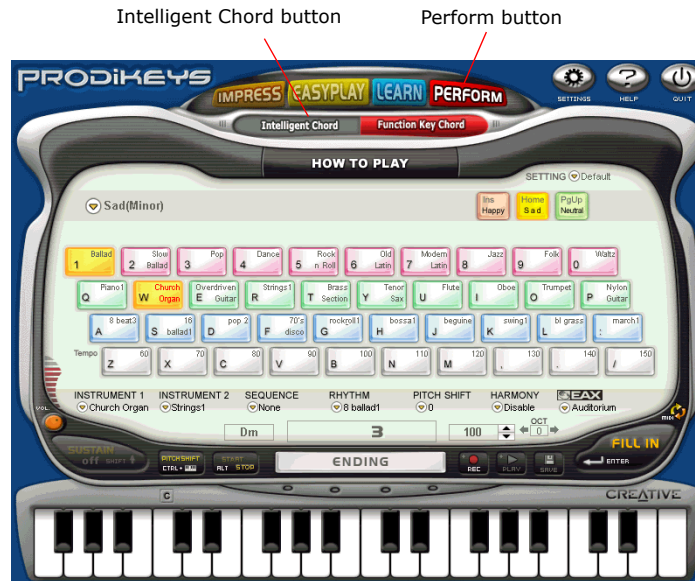


Figure 3-34: Creative Prodikeys software in (Perform) Intelligent Chord sub-mode.



Step 2: Selecting the Type of Intelligent Chord



Selecting "Happy" will play the major scale chords, "Sad" will play the minor scale chords and "Neutral" will play a combination of both chords.

You can choose from 3 Intelligent Chords — "Happy", "Sad" or "Neutral".

To select the type of Intelligent Chord: Click the **Happy**, **Sad** or **Neutral** keys in the Creative Prodikeys software, or press the corresponding keys on your computer keyboard.



Figure 3-35

Step 3: Selecting Voiceways

A voiceway is a set of defined sounds (voices) with their settings. Each voiceway lets you define a different set of chords, music styles, instruments, rhythms, tempos and other settings.

To select a voiceway:

1. In the Creative Prodikeys software, click the **Setting** button.



Figure 3-36

2. In the dialog box that appears, click the voiceway you want and then click the **Close** button.



Step 4: Configuring Voicesets

You can create, configure and delete voicesets, except for the default one.

To configure voicesets: In the Creative Prodikeys software, click the **Settings** button.



Figure 3-37

Step 5: Selecting Music Styles



To define the instruments, rhythm, tempo and other settings for a music style, you need to configure the voiceset that the music style belongs to. See "Step 4: Configuring Voicesets".

Each voiceset lets you define 10 music styles that you can access quickly from the Creative Prodikeys software. Selecting a music style will select the instruments, rhythm, tempo and other settings defined for the music style.

To select a music style: Click the **Style keys** in the Creative Prodikeys software, or press the corresponding keys on your computer keyboard.

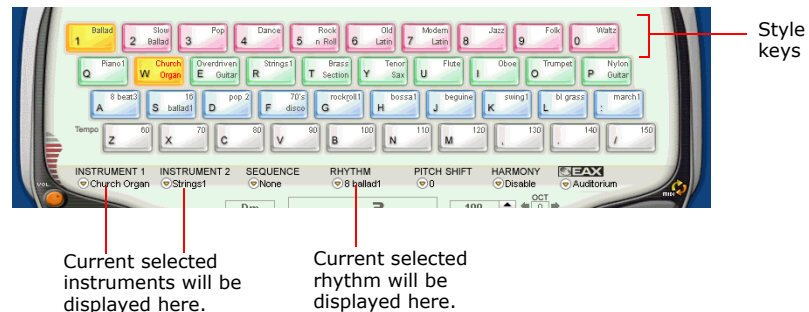


Figure 3-38



Step 6: Selecting Instruments



To define the instruments for the 10 quick access keys that appear in the Creative Prodikeys software for a voiceset, you need to configure the voiceset. See "Step 4: Configuring Voicesets".

Each voiceset lets you define 10 instruments that you can access quickly from the Creative Prodikeys software. While playing, you can easily select and change to another main or second instrument.

To select a main instrument: Click the Instrument keys in the Creative Prodikeys software, or press the corresponding keys on your computer keyboard.

To select a second instrument (or cancel the selection): Double-click the Instrument keys on the Creative Prodikeys software, or press the corresponding keys quickly twice on your computer keyboard.

You can also select other instruments not displayed in the Creative Prodikeys software by clicking the **Instrument 1** or **Instrument 2** button, and then selecting the instrument you want.

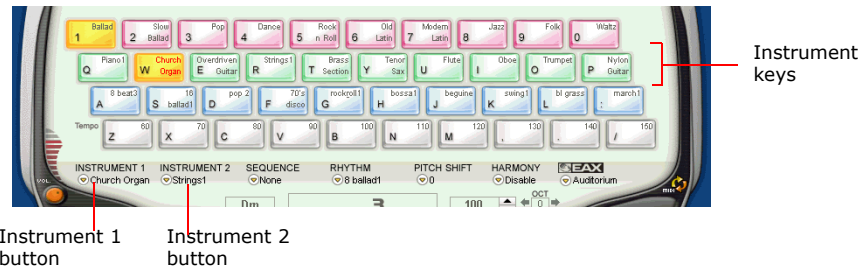


Figure 3-39



Step 7: Selecting Rhythms and Tempos



To define the rhythms and tempos for the quick access keys that appear in the Creative Prodikeys software for a voiceset, you need to configure the voiceset. See "Step 4: Configuring Voicesets".



You can also click the Up or Down buttons beside the Tempo box in the Creative Prodikeys software, or press MINUS SIGN (-) or PLUS SIGN (+) on the computer keyboard to adjust the tempo.

Each voiceset also lets you define 10 rhythms and 10 tempos that you can access quickly from the Creative Prodikeys software. While playing, you can easily select and change to another rhythm or tempo.

To select a rhythm: Click the Rhythm keys in the Creative Prodikeys software, or press the corresponding keys on your computer keyboard. You can also click the **Rhythm** button on the Creative Prodikeys control pattern to select other rhythms not displayed in the Creative Prodikeys software.

To select a tempo: Click the Tempo keys in the Creative Prodikeys software, or press the corresponding keys on your computer keyboard.

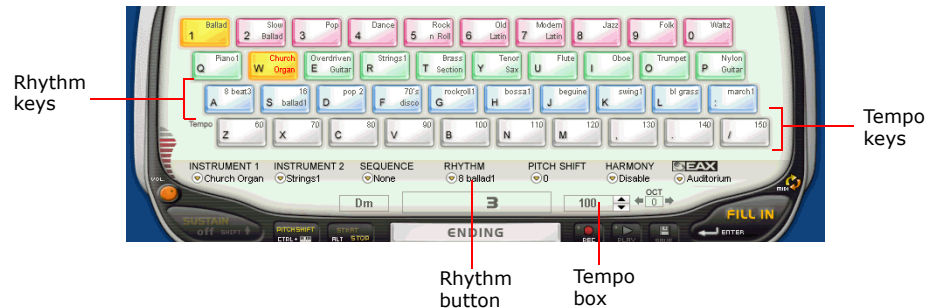


Figure 3-40



Step 8: Starting the Rhythm

You are now ready to play! To begin, just start the rhythm. You can start the rhythm with or without an introductory rhythm pattern.

To start the rhythm with an introductory rhythm pattern: Click the **Introduction/Ending** button in the Creative Prodikeys software, or press SPACEBAR on your computer keyboard.

To start the rhythm without an introductory rhythm pattern: Click the **Start/Stop** button in the Creative Prodikeys software, or press ALT on your computer keyboard.

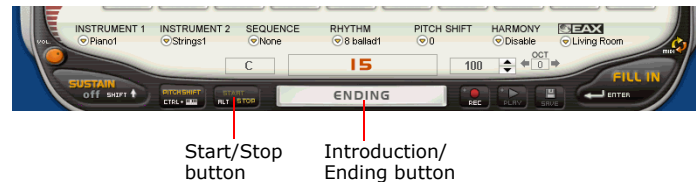


Figure 3-41

Step 9: Playing the Melody

Now that the rhythm has started, play your melody on the music keyboard. You will notice that chords will be generated automatically to blend with your melody.

Step 10: Adding Harmony to the Melody

You can add harmony to your melody as you play on the music keyboard.

To add harmony to the melody: In the Creative Prodikeys software, click the **Harmony** button to enable it.



Figure 3-42



Step 11: Adding Rhythm Fill-Ins

To make it more interesting, try adding rhythm fill-ins to create variations in your song.

To add rhythm fill-ins: Click the **Fill In** button in the Creative Prodikeys software, or press ENTER on your computer keyboard.



Figure 3-43

Step 12: Stopping the Rhythm

When you have finished playing, you can stop the rhythm with or without an ending rhythm pattern.

To stop the rhythm with an ending rhythm pattern: Click the **Introduction/Ending** button in the Creative Prodikeys software, or press SPACEBAR on your computer keyboard.

To stop the rhythm without an ending rhythm pattern: Click the **Start/Stop** button in the Creative Prodikeys software, or press ALT on your computer keyboard.



Figure 3-44



Playing Along with Imported Rhythmania or MIDI files

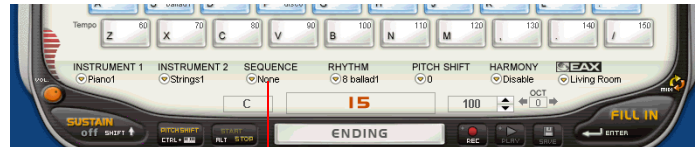


Chords, rhythms and rhythm fill-ins selected in the Creative Prodikeys software will not work when imported sequence files are selected for playback.

If you have some Creative Rhythmania or MIDI sequence files that you want to play along with, you can import them for use with Creative Prodikeys.

To play along with imported sequence files:

1. In the Creative Prodikeys software, click the **Sequence** button.



Sequence button

Figure 3-45

2. In the dialog box that appears, click **Open Sequence** if you want to import a Creative Rhythmania sequence file (.SEQ), or click **Open MIDI files** if you want to import a MIDI sequence file (.MID).
3. Click the **Import** button.
4. Locate and select the file you want to import, and then click the **Open** button.
5. Double-click the sequence file that you want to play along with.
6. Click the **Introduction/Ending** button in the Creative Prodikeys software, or press SPACEBAR on your computer keyboard to start the playback of the sequence file.
7. Play along, on your music keyboard, with the imported sequence file.



Performing with Function Key Chords

Step 1: Selecting the (Perform) Function Key Chord Sub-mode

In the (Perform) Function Key Chord sub-mode, you play the chords by pressing the function keys (F1 to F12) on your computer keyboard. This sub-mode has more control options to make it easier for you to perform with your Creative Prodikeys. Follow the steps below to learn how to use this sub-mode.

To select the (Perform) Function Key Chord sub-mode: In the Creative Prodikeys software, click the **Perform** button, and then click the **Function Key Chord** button.

The Creative Prodikeys software should look similar to the figure below.



Figure 3-46: Creative Prodikeys software in (Perform) Function Key Chord sub-mode.



Step 2: Selecting the Key for Your Chords

You can select the key for your chords. Selecting different keys will give you different sets of chords to play with.

To select the key for the chords: Click the **Key** button in the Creative Prodikeys software.



Figure 3-47

Step 3: Configuring other Settings

The steps to select or configure voicesets, music styles, instruments, rhythms and tempos, to start and stop rhythms, add harmony, add rhythm fill-ins, and import sequence files are similar to the steps in the previous section "Performing with Intelligent Chords". See ["Step 3: Selecting Voicesets" on page 3-23](#) onwards.

Step 4: Playing the Chords

To play a chord while you are playing your melody: Click the Chord keys in the Creative Prodikeys software, or press the function keys (F1 to F12) on your computer keyboard.



Figure 3-48



Other Features of Creative Prodikeys

Sustaining Notes



This feature is only available for some instruments.

In some modes of Creative Prodikeys, you can sustain notes played on the music keyboard.

To enable (or disable) the sustain feature: Click the **Sustain** button in the Creative Prodikeys software, or press **SHIFT** on your computer keyboard.



Figure 3-49

Changing the Octave

The Creative Prodikeys music keyboard can be expanded virtually from 37 keys to 109 keys, by changing the keys on the music keyboard to a higher or lower octave. This feature is only available in some modes within Creative Prodikeys.

To change the octave: Click the left or right arrow beside the Octave box in the Creative Prodikeys software, or press **LEFT** or **RIGHT** on your computer keyboard.



Octave box

Figure 3-50



Shifting the Pitch of the Music Keyboard

In some modes within Creative Prodikeys, you can shift the pitch of all the keys on the music keyboard.

To shift the pitch:

1. Click the **Pitch Shift** button in the Creative Prodikeys software.
2. In the dialog box that appears, click to select the number of semitones for the pitch to be shifted, and then click the **Close** button.

You can also simultaneously press CTRL on the computer keyboard and press a key on the music keyboard to shift the pitch. The Second C note represents 0 pitch shift. Every key to the left and right represents a semitone decrease and increase respectively.

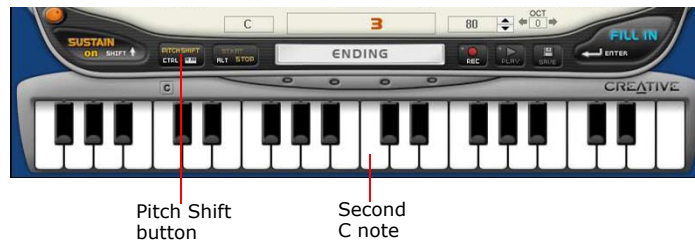


Figure 3-51



Applying Environment Effects



This feature is only available with Sound Blaster Live! or Sound Blaster Audigy series audio devices.

An environment effect will make your music sound as if it was played in the selected environment, such as a concert hall or cave.

To apply an environment effect:

1. In the Creative Prodikeys software, click the **EAX** button.
2. In the dialog box that appears, click to select an environment effect, and then click the **Close** button.

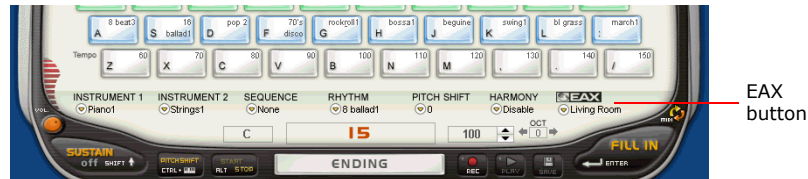


Figure 3-52

Selecting default MIDI devices



Unless you have an external MIDI device connected to your audio device's MIDI port, do not select MIDI OUT.

If you have more than one audio device, or if you want to hear the audio quality of other MIDI devices installed in your computer, you can change the default MIDI devices selected automatically during installation of Creative Prodikeys.

1. In the Creative Prodikeys software, click the **MIDI** button.
2. In the dialog box that appears, click your preferred MIDI devices, and then click the **OK** button.



Figure 3-53



Recording Your Music

You can record the music that you have created, and use it for presentations and home video productions, or send it to friends to impress them! You can also save it as a MIDI file and edit it with a MIDI sequencer.

To record your music:

1. In the Creative Prodikeys software, click the **Record** button.
2. Play your song on the music keyboard.
3. When you are done, click the **Record** button again to stop the recording.
4. Click the **Play** button to listen to what you have just played.
5. Click the **Save** button to save your recording.

You can save your recording in WAV or MP3 format in all modes.

You can save your recording in MIDI format in all modes except for the Penta Tunes and Fun Tunes sub-modes.



To play back WAV or MP3 files on your computer, you need a media player capable of playing such files.



Record, Play and Save buttons

Figure 3-54

PRODiKEYS™



A

General Specifications



General Specifications

General Specifications

This section lists the specifications of your Creative Prodikeys.

- ☐ Standard IBM-compatible computer keyboard with 104 keys.
- ☐ Integrated music keyboard with 37 touch-sensitive MIDI keys.
- ☐ Pitch Bend wheel.
- ☐ Volume Control wheel.
- ☐ Internet Portal buttons.
- ☐ PS/2 connector for connecting to computer's PS/2 keyboard port.

PRODiKEYS™



B

Troubleshooting



Troubleshooting

This section provides solutions to problems you may encounter during installation or normal use.

Problems with Sound

There is no sound when the keys on the music keyboard are pressed.

The volume may be muted or set to the lowest level, or SoundFonts may be missing or unloaded.

1. Check that the volume is not muted or set to the lowest level.
2. Load the SoundFonts:
 1. Click **Start -> Settings -> Control Panel**.
 2. Double-click the **AudioHQ** icon.
 3. Double-click the **SoundFont** icon.
 4. On the **Configure Bank** tabbed page, click the **Load** button.
 5. Click any SoundFont file with the filename **xGMGSMT.SF2** (where **x** is 2, 4 or 8) , and then click the **Select** button.

Problems with Creative Prodikeys

Creative Prodikeys cannot be detected, even after the connections are checked and the software installed.

There may be a conflict with a USB Legacy Device setting on your computer's motherboard.

Consult your computer's motherboard manual to disable the USB Legacy Device setting.

PRODiKEYS™



C

Glossary



Glossary

This section provides definitions and explanations of some of the uncommon terms used in this manual.

Chord

A chord is simply the combination of different music notes played together at the same time to produce a tone. There are many different types of chords. In a song, chords usually make up the background rhythm. On a piano or keyboard, chords are usually played with the left hand, while the melody is usually played with the right hand.

Creative Rhythmnia

Creative Rhythmnia is a powerful music software that allows you to play and create rhythms patterns for your music compositions.

Melody

A melody is the combination of single music notes played in sequence to produce a rhythmical tune. On a piano or keyboard, chords are usually played with the left hand, while the melody is usually played with the right hand.

MIDI

MIDI (or Musical Instrument Digital Interface) is an international hardware and software standard for exchanging data (such as musical codes and events) between electronic musical devices and computers from different manufacturers.

The music keyboard on your Prodikeys is a MIDI instrument. When you press the keys on your MIDI keyboard, no sound is actually produced. Only MIDI messages, which contain data such as the keys and the duration for which they are pressed, are generated. These MIDI messages are then transmitted to a MIDI-compatible device (such as your audio card) that produces the sound you hear. This is why it is possible to easily replace one instrument sound by another on your MIDI keyboard. MIDI messages can be recorded, saved as a MIDI file and edited by using a MIDI sequencer.

**MIDI sequencer**

A MIDI sequencer is a computer program or an electronic device that lets you arrange and send MIDI messages to a MIDI synthesizer for playback. A MIDI sequencer can also record MIDI messages sent from a MIDI instrument and save them as a MIDI sequence file (.MID). Many musicians use MIDI sequencers to compose and rearrange their songs in MIDI format.

SoundFont

A SoundFont is a data format that defines the information required by your computer to create musical notes or sound effects through wavetable synthesis for your MIDI instrument. It is similar, in concept, to how a character in a word processor can be applied with different character fonts to produce a different look. For more information, visit www.soundfont.com.